



VOSH PROGRAM DIRECTIVE: 12-228 (e-version)

ISSUED: August 18, 1988

SUBJECT: Amendment Concerning Presence Sensing Device Initiation of Mechanical Power Presses, 1910.211 and 1910.217

A. PURPOSE.

This directive transmits the Amendment Concerning Presence Sensing Device Initiation of Mechanical Power Presses to field personnel.

B. SCOPE.

This directive applies to all VOSH personnel and specifically to occupational safety enforcement and voluntary compliance personnel.

C. ACTION.

The Assistant Commissioner and VOSH Enforcement personnel shall assure that employers comply with the requirements of the amendment. The effective date is September 19, 1988.

D. BACKGROUND.

On March 14, 1988, Federal OSHA published in the Federal Register an amendment concerning Presence Sensing Device Initiation of Mechanical Power Presses, 1910.211 and 1910.217 (53 Fed. Reg. 8322). The amendment permits the use of PSDI equipment on certain types of power presses.

Federal Regulations 29 CFR 1953.23(a)(2) and (b) require Virginia to adopt within six months changes to Federal standards in verbatim or to promulgate equivalent changes which are at least as effective as the Federal change. The Virginia Code reiterates this requirement in Section 40.1-22(5).

Pursuant to §40.1-22(5), the Virginia Safety and Health Codes Board adopted, without change, the Amendment Concerning Presence Sensing Device Initiation of Mechanical Power Presses on July 11, 1988.

E. SUMMARY OF THE FEDERAL CHANGE.

The amendment permits the use of "presence sensing device initiation (PSDI) on certain types of power presses. The amended standard addresses the use of presence sensing devices as well as the entire mechanical power press safety system involved in operating in the PSDI mode. OSHA is also amending the related standard on definitions, 29 CFR 1910.211, as appropriate, to support the revision to the mechanical power press standard.

Until this rulemaking, OSHA did not permit PSDI, but rather required that a mechanical power press operator physically initiate the stroke of the press by using hand controls or a foot pedal. The specific prohibition against PSDI was contained in 29 CFR 1910.217(c)(3)(iii)(b).... This revision allows a presence sensing device to initiate the stroke of the press automatically when the operator's body is out of the danger zone. (53 Fed. Reg. 8322)

“The device also must sense that all parts of the body are sufficiently far away so that accidental action of the employee cannot expose parts of the body to the point of operation during the stroke, or alternatively that the stroke of the press can be stopped if a part of the employee's body reenters the point of operation. Initiation of the stroke by the presence sensing device makes it unnecessary for the employee to initiate manually the stroke of the press.” (53 Fed. Reg. 8327). (See attached diagrams of mechanical power presses and PSDI equipment).

E-ATTACHMENT: Amendment Concerning Presence Sensing Device Initiation of Mechanical Power Presses, 1910.211 and 1910.217
http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGIS TER&p_id=12789&p_text_version=FALSE

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AMENDMENT CONCERNING
PRESENCE SENSING DEVICE
INITIATION OF MECHANICAL POWER PRESSES

AS ADOPTED BY
VIRGINIA OCCUPATIONAL SAFETY AND HEALTH CODES BOARD

Date: July 11, 1988



VIRGINIA OCCUPATIONAL SAFETY AND HEALTH PROGRAM
VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

Effective Date

September 19, 1988

Machinery and Machine Guarding Standard, 1910.211 (425-02-38)

Mechanical Power Presses Standard, 1910.217 (425-02-61)

When the regulations as set forth in the amendment concerning the Presence Sensing Device Initiation of Mechanical Power Presses, 1910.211 and 1910.217, are applied to the Commissioner of the Department of Labor and Industry and/or to Virginia employers, the following federal terms shall be considered to read as below.

FEDERAL TERMS

VOSH EQUIVALENT

OSHA

VOSH

29 CFR

VOSH Standard